

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 2    | "6487849".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/15 08:47 |
| L3    | 12   | ((("NOx" "NO.sub.x") and "lean" and "rich" and switch\$3 and (efficien\$4 saving))).clm.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/08/15 09:49 |
| L4    | 0    | ((("NOx" "NO.sub.x") and "lean" and "rich" and switch\$3 and ("fuel penalty"))).clm.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/08/15 09:49 |
| L5    | 0    | ((("NOx" "NO.sub.x") and "lean" and "rich" and switch\$3 and ("penalty"))).clm.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/08/15 09:50 |
| L6    | 6    | ((("NOx" "NO.sub.x") and "lean" and "rich" and ("penalty"))).clm.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/08/15 09:50 |
| L7    | 70   | ("3696618"   "3969932"   "4033122"   "4036014"   "4178883"   "4251989"   "4622809"   "4854123"   "4884066"   "4913122"   "4964272"   "5009210"   "5088281"   "5097700"   "5165230"   "5174111"   "5189876"   "5201802"   "5209061"   "5222471"   "5233830"   "5267439"   "5270024"   "5272871"   "5325664"   "5331809"   "5335538"   "5357750"   "5377484"   "5402641"   "5410873"   "5412945"   "5412946"   "5414994"   "5419122"   "5423181"   "5433074"   "5437153"   "5448887"   "5450722"   "5452576"   "5472673"   "5473887"   "5473890"   "5483795"   "5544482"   "5626014"   "5626117"   "5713199"   "5715679"   "5722236"   "5771685"   "5771686"   "5778666"   "5802843"   "5803048"   "5832722"   "5938715"   "5974788"   "5974791"   "6021638"   "6105365"   "6202407"   "6216448"   "6263666"   "6269634").PN. OR ("6490856").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/08/15 10:04 |
| L8    | 20   | ((BODO) near2 (ODENDALL)).INV.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/08/15 10:43 |

## EAST Search History

|    |      |               |   |    |    |                  |
|----|------|---------------|---|----|----|------------------|
| S1 | 9    | "1134393"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14 10:36 |
| S2 | 2337 | 60/285.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14 11:34 |
| S3 | 2    | "6487849".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/14 11:35 |

## EAST Search History

|    |    |   |                              |    |    |                  |
|----|----|---|------------------------------|----|----|------------------|
| S4 | 96 | ("3696618"   "3969932"   "4033122"<br>  "4036014"   "4178883"  <br>"4251989"   "4622809"   "4854123"<br>  "4884066"   "4913122"  <br>"4964272"   "5009210"   "5088281"<br>  "5097700"   "5165230"  <br>"5174111"   "5189876"   "5201802"<br>  "5209061"   "5222471"  <br>"5233830"   "5267439"   "5270024"<br>  "5272871"   "5325664"  <br>"5331809"   "5335538"   "5357750"<br>  "5377484"   "5402641"  <br>"5410873"   "5412945"   "5412946"<br>  "5414994"   "5419122"  <br>"5423181"   "5433074"   "5437153"<br>  "5448887"   "5450722"  <br>"5452576"   "5472673"   "5473887"<br>  "5473890"   "5483795"  <br>"5544482"   "5551231"   "5577382"<br>  "5595060"   "5598703"  <br>"5622047"   "5626014"   "5626117"<br>  "5655363"   "5657625"  <br>"5693877"   "5713199"   "5715679"<br>  "5722236"   "5724808"  <br>"5732554"   "5735119"   "5740669"<br>  "5743084"   "5746049"  <br>"5746052"   "5752492"   "5771685"<br>  "5771686"   "5778666"  <br>"5792436"   "5802843"   "5803048"<br>  "5832722"   "5842340"  <br>"5865027"   "5938715"   "5970707"<br>  "5974788"   "5974791"  <br>"5974793"   "5983627"   "5992142"<br>  "5996338"   "6012428"  <br>"6014859"   "6023929"   "6058700"<br>  "6237330"   "6263666"  <br>"6269634"   "6272848"  <br>"6336320").PN. OR ("6487849").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/15 09:34 |
|----|----|---|------------------------------|----|----|------------------|